

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
 Data File : BM048115.D
 Acq On : 17 Oct 2024 21:03
 Operator : RC/JU
 Sample : P4380-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/19/2024

Quant Time: Oct 17 23:29:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 15:44:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	234045	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	921341	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	554376	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	1077076	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	953602	20.000	ng/u1	0.00
88) Perylene-d12	24.356	264	1088117	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	27765	4.505	ng/uL	0.00
4) Pyridine-d5	3.657	84	129826	7.828	ng/u1	0.00
7) Phenol-d5	6.946	99	200165	10.558	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	419323	37.236	ng/u1	0.00
11) 2-Chlorophenol-d4	7.304	132	561599	34.249	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	364360	24.693	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	281058	36.149	ng/u1	0.00
24) 2-Nitrophenol-d4	9.645	143	332775	38.679	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	563395	37.182	ng/u1	0.00
31) 4-Chloroaniline-d4	10.698	131	489438	24.678	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	1508492	37.465	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	1846128	38.561	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	70643	9.492	ng/u1	0.00
60) Fluorene-d10	15.398	176	1356994	39.475	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	268283	38.510	ng/u1	0.00
73) Anthracene-d10	17.245	188	2047746	40.088	ng/u1	0.00
81) Pyrene-d10	19.533	212	2301664	39.499	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.156	264	2340071	40.264	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.975	94	112194	5.753	ng/u1	97
13) 2-Methylphenol	8.222	108	42078	2.852	ng/u1	91
16) Acetophenone	8.592	105	43074	1.904	ng/u1	95
18) 4-Methylphenol	8.551	108	107288	6.760	ng/u1	87
26) 2,4-Dimethylphenol	9.775	107	90436m	5.659	ng/u1	
30) Naphthalene	10.610	128	3238980	63.597	ng/u1	100
36) 2-Methylnaphthalene	12.222	142	239098	7.213	ng/u1	99
37) 1-Methylnaphthalene	12.445	142	189939	5.690	ng/u1	99
43) 1,1'-Biphenyl	13.239	154	49946	1.167	ng/u1	95
50) Acenaphthylene	14.127	152	207161	4.000	ng/u1	99
52) Acenaphthene	14.469	153	62035	1.731	ng/u1	94
56) Dibenzofuran	14.804	168	115943	2.365	ng/u1	97
61) Fluorene	15.451	166	111085	2.899	ng/u1	96
67) N-Nitrosodiphenylamine	15.663	169	47745	1.474	ng/u1	97
72) Phenanthrene	17.186	178	272487	4.625	ng/u1	98
77) Carbazole	17.551	167	197243	3.766	ng/u1	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

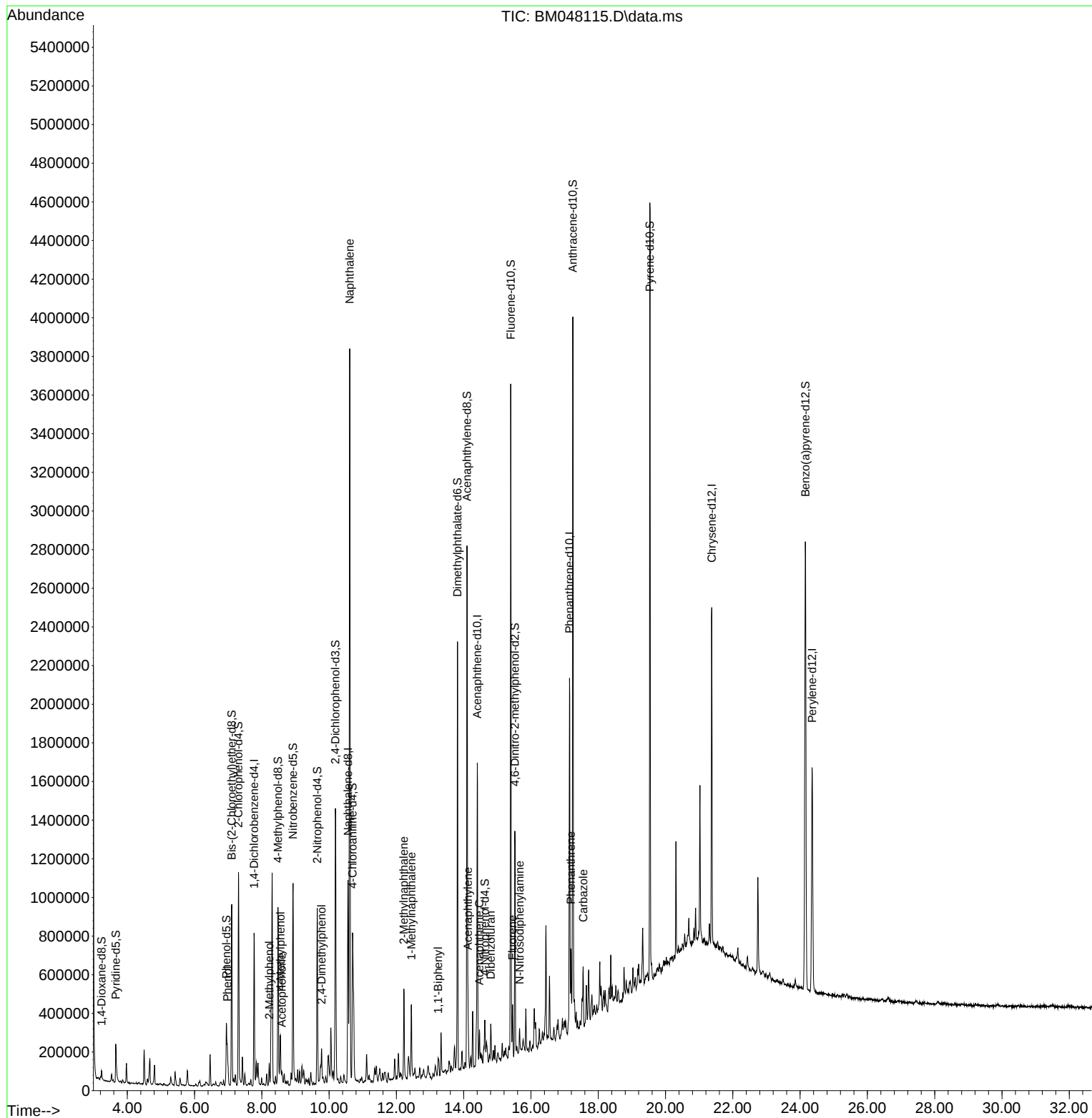
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
 Data File : BM048115.D
 Acq On : 17 Oct 2024 21:03
 Operator : RC/JU
 Sample : P4380-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

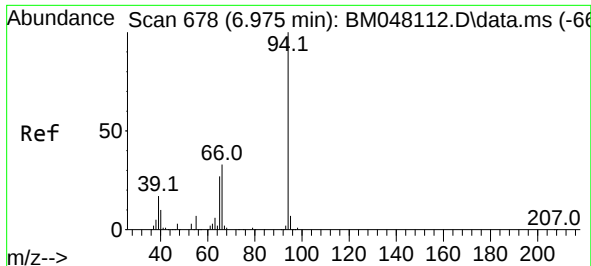
Instrument :
 BNA_M
 ClientSampleId :
 E27H6

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/19/2024

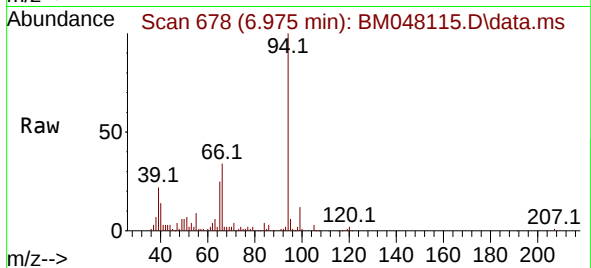
Quant Time: Oct 17 23:29:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 15:44:59 2024
 Response via : Initial Calibration





#8
Phenol
Concen: 5.753 ng/ul
RT: 6.975 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03

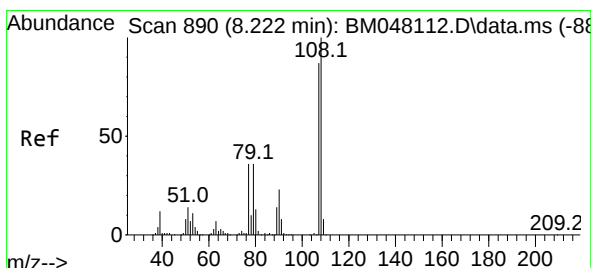
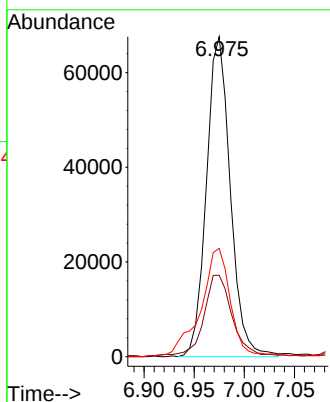
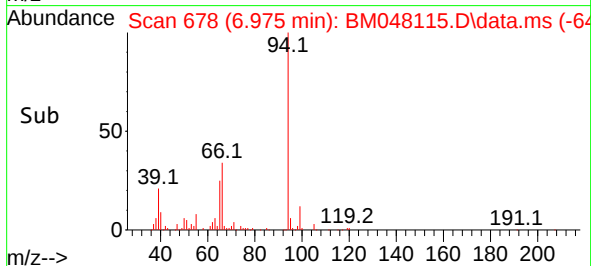
Instrument :
BNA_M
ClientSampleId :
E27H6



Tgt Ion: 94 Resp: 112194
Ion Ratio Lower Upper
94 100
65 25.4 21.0 31.4
66 33.9 25.0 37.6

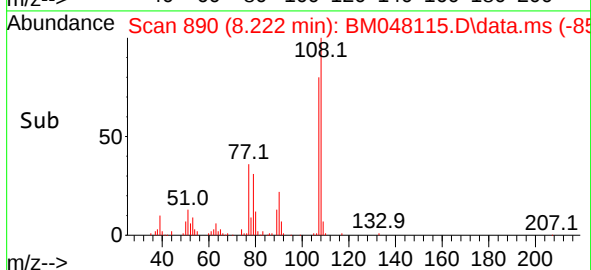
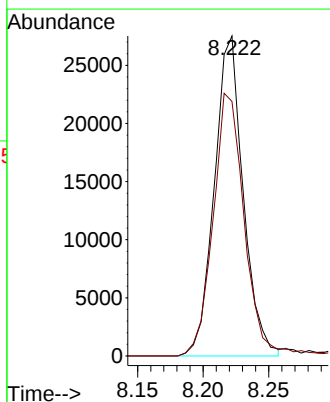
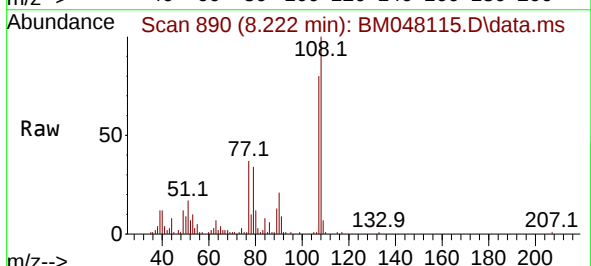
Manual Integrations
APPROVED

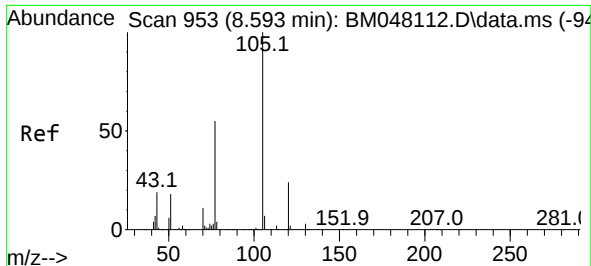
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/19/2024



#13
2-Methylphenol
Concen: 2.852 ng/ul
RT: 8.222 min Scan# 890
Delta R.T. -0.000 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03

Tgt Ion:108 Resp: 42078
Ion Ratio Lower Upper
108 100
107 79.5 70.2 105.2





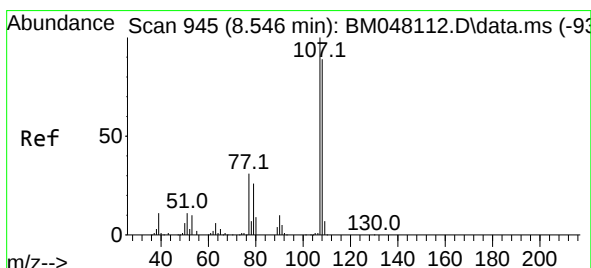
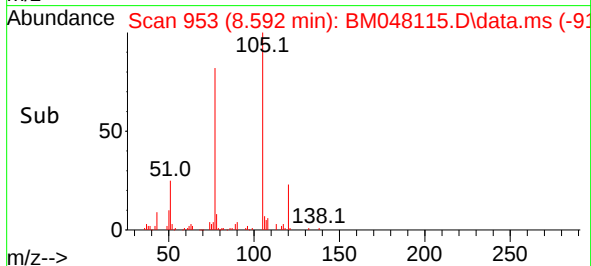
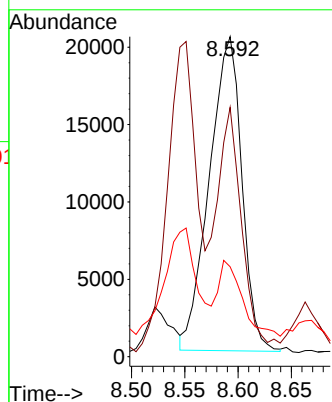
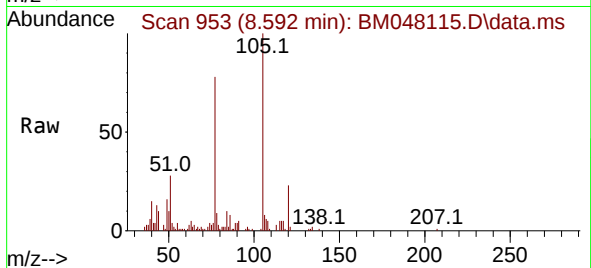
#16
Acetophenone
Concen: 1.904 ng/ul
RT: 8.592 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03

Instrument :
BNA_M
ClientSampleId :
E27H6

Tgt Ion:105 Resp: 43074
Ion Ratio Lower Upper
105 100
77 77.9 59.3 88.9
51 28.1 19.9 29.9

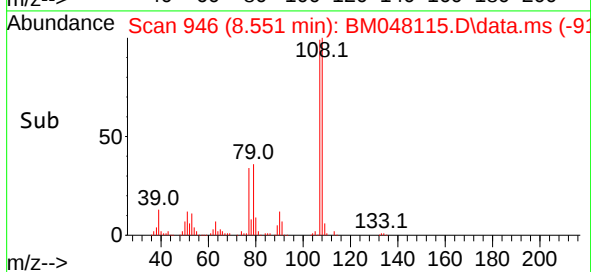
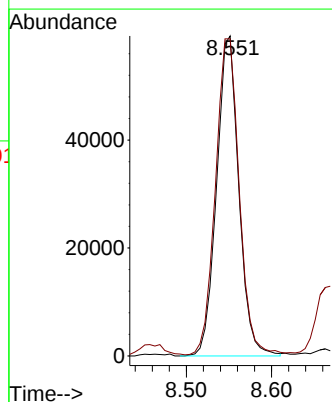
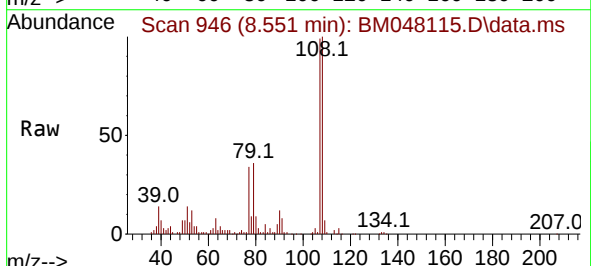
Manual Integrations
APPROVED

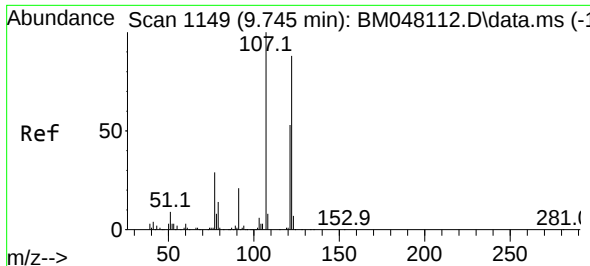
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/19/2024



#18
4-Methylphenol
Concen: 6.760 ng/ul
RT: 8.551 min Scan# 946
Delta R.T. 0.006 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03

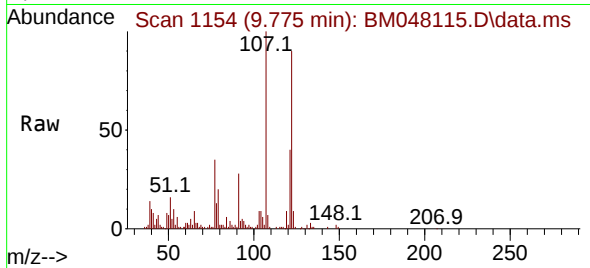
Tgt Ion:108 Resp: 107288
Ion Ratio Lower Upper
108 100
107 99.1 90.2 135.4





#26
2,4-Dimethylphenol
Concen: 5.659 ng/ul m
RT: 9.775 min Scan# 1149
Delta R.T. 0.029 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03

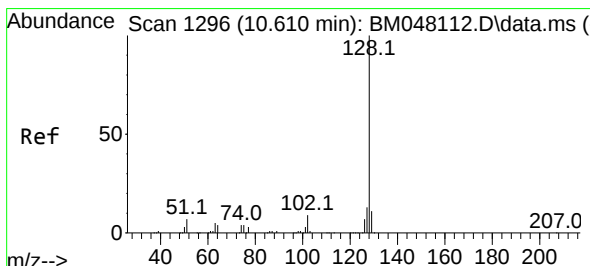
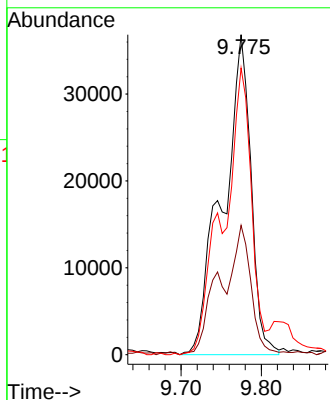
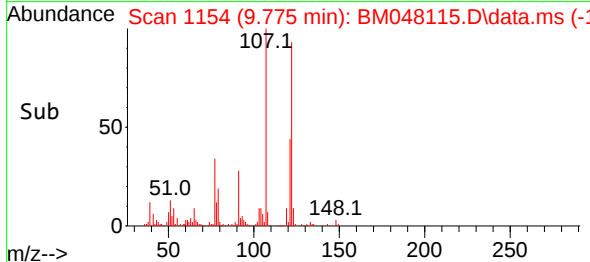
Instrument :
BNA_M
ClientSampleId :
E27H6



Tgt Ion:107 Resp: 90430
Ion Ratio Lower Upper
107 100
121 40.4 40.4 60.6
122 89.6 70.6 106.0

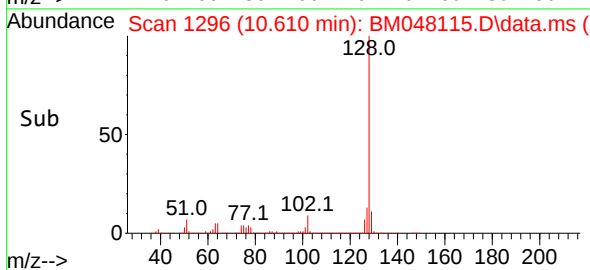
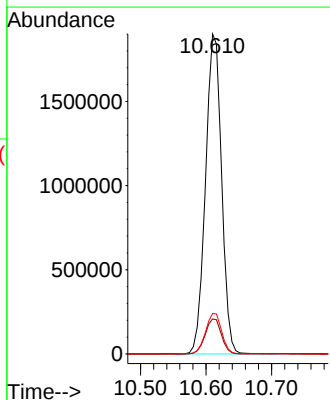
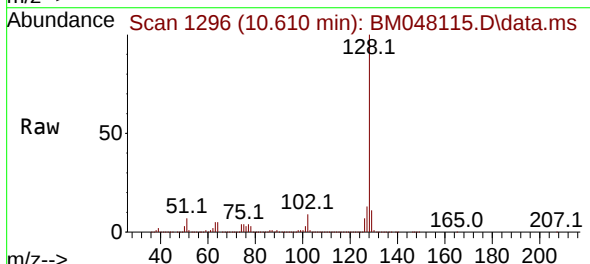
Manual Integrations
APPROVED

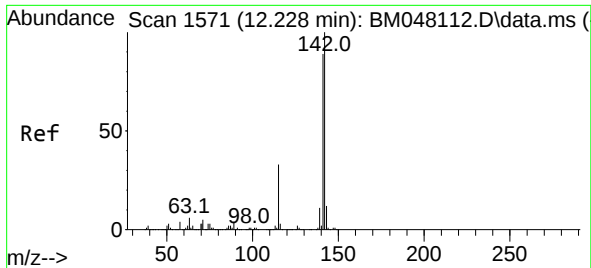
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/19/2024



#30
Naphthalene
Concen: 63.597 ng/ul
RT: 10.610 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03

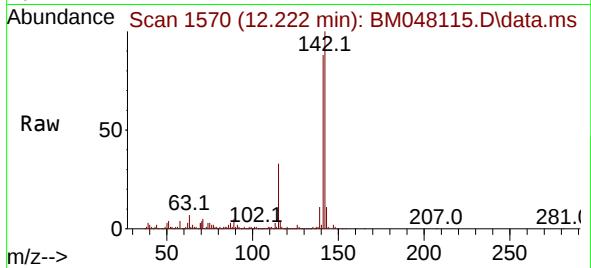
Tgt Ion:128 Resp: 3238980
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.7 10.3 15.5





#36
2-Methylnaphthalene
Concen: 7.213 ng/ul
RT: 12.222 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03

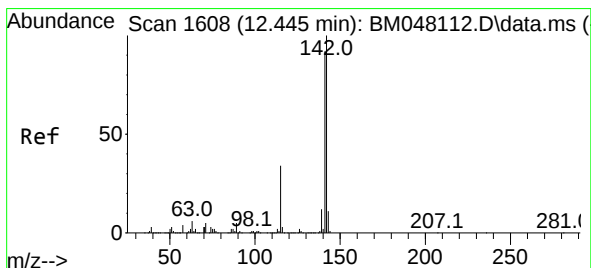
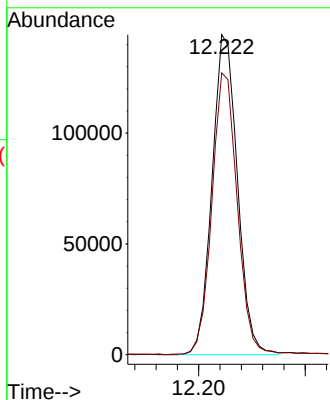
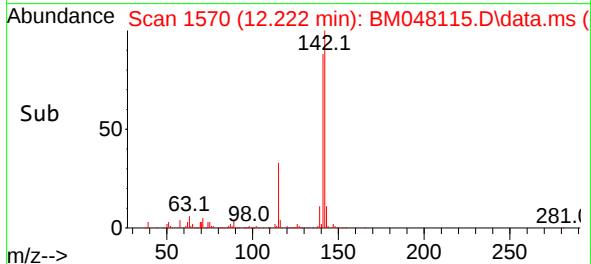
Instrument :
BNA_M
ClientSampleId :
E27H6



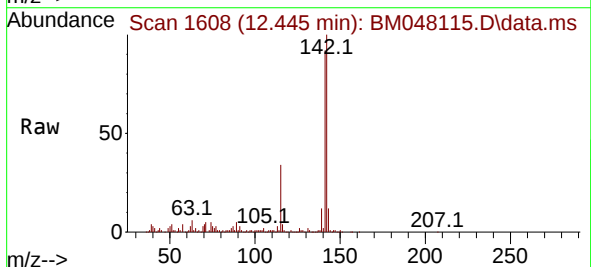
Tgt Ion:142 Resp: 239098
Ion Ratio Lower Upper
142 100
141 88.0 71.1 106.7

Manual Integrations
APPROVED

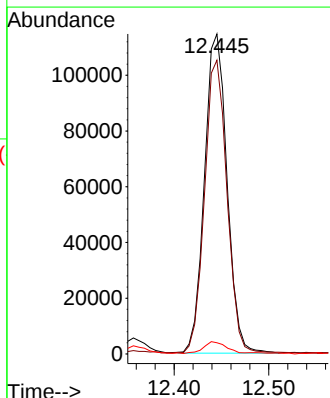
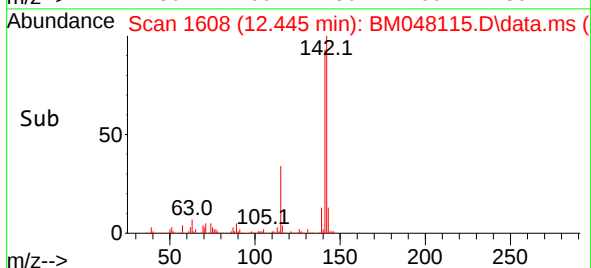
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/19/2024

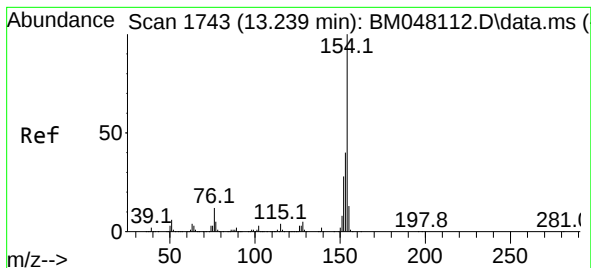


#37
1-Methylnaphthalene
Concen: 5.690 ng/ul
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03



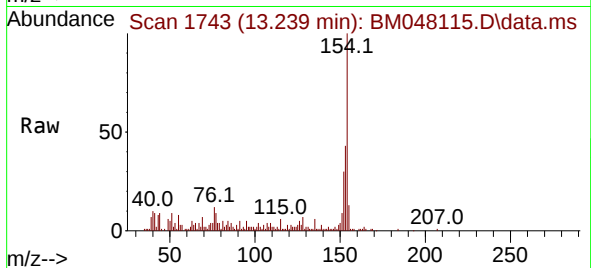
Tgt Ion:142 Resp: 189939
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2
116 3.5 2.7 4.1





#43
1,1'-Biphenyl
Concen: 1.167 ng/ul
RT: 13.239 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03

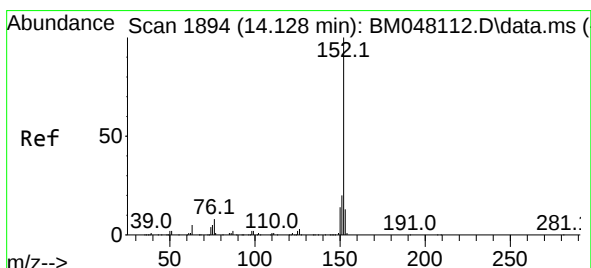
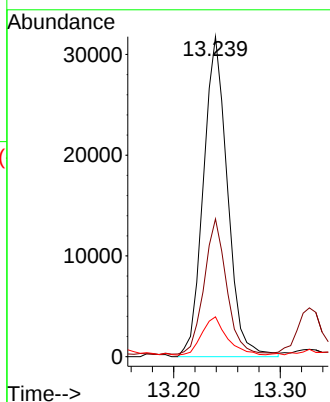
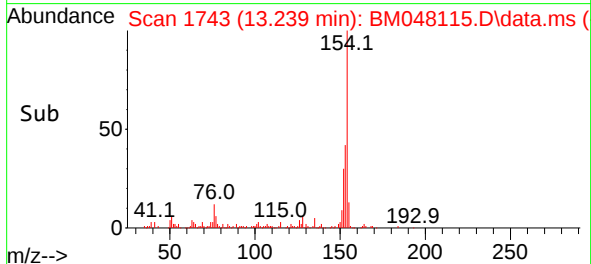
Instrument :
BNA_M
ClientSampleId :
E27H6



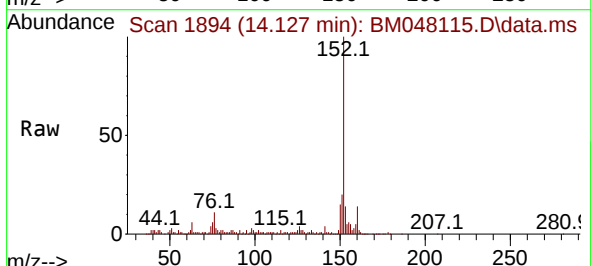
Tgt Ion:154 Resp: 49940
Ion Ratio Lower Upper
154 100
153 43.0 31.5 47.3
76 12.4 9.6 14.4

Manual Integrations
APPROVED

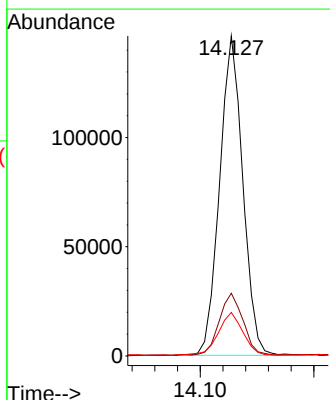
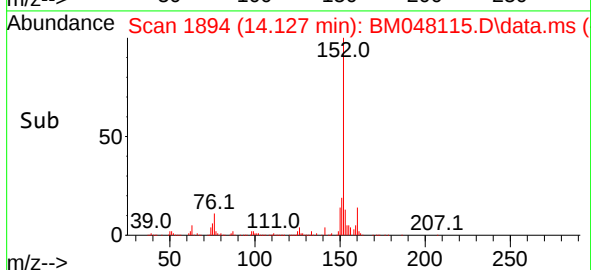
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/19/2024

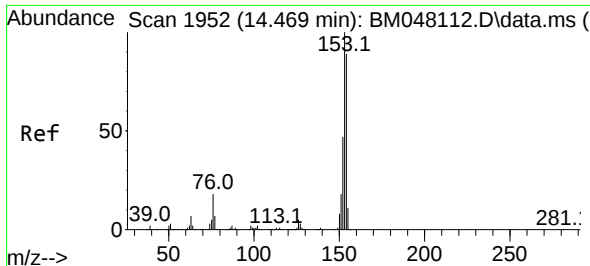


#50
Acenaphthylene
Concen: 4.000 ng/ul
RT: 14.127 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03



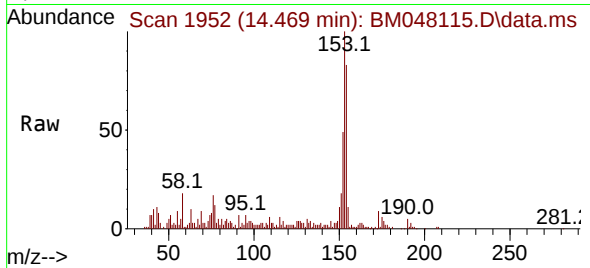
Tgt Ion:152 Resp: 207161
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.0
153 13.6 10.6 15.8





#52
Acenaphthene
Concen: 1.731 ng/ul
RT: 14.469 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03

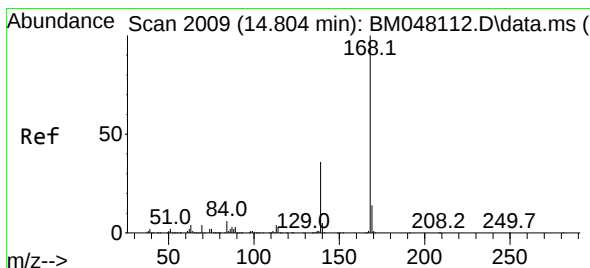
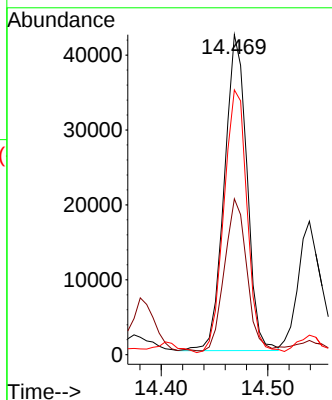
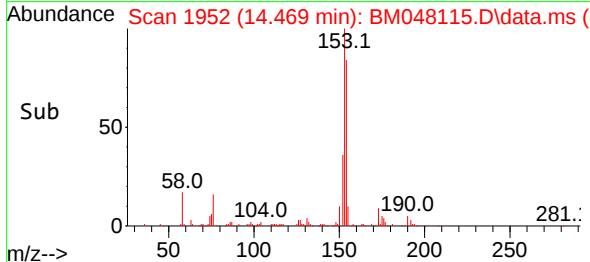
Instrument : BNA_M
ClientSampleId : E27H6



Tgt Ion:153 Resp: 62035
Ion Ratio Lower Upper
153 100
152 48.7 37.0 55.4
154 82.7 71.4 107.2

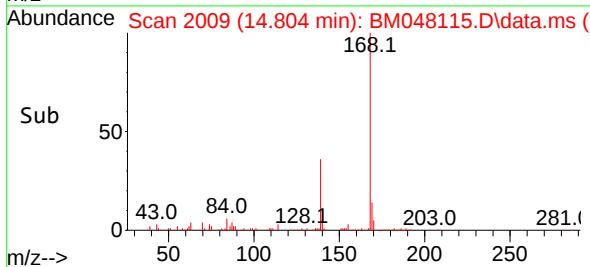
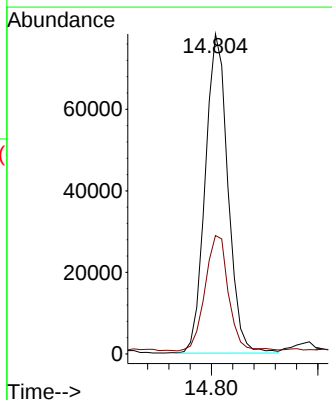
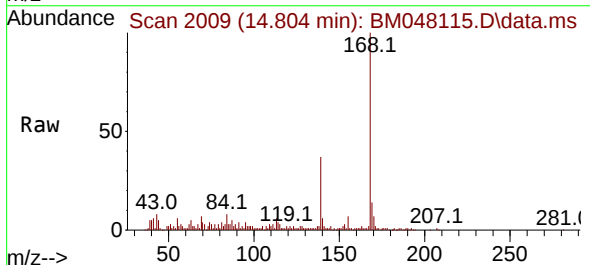
Manual Integrations
APPROVED

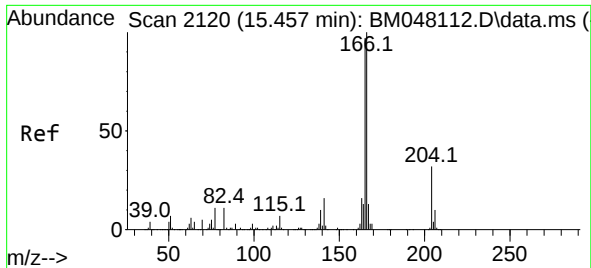
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/19/2024



#56
Dibenzofuran
Concen: 2.365 ng/ul
RT: 14.804 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03

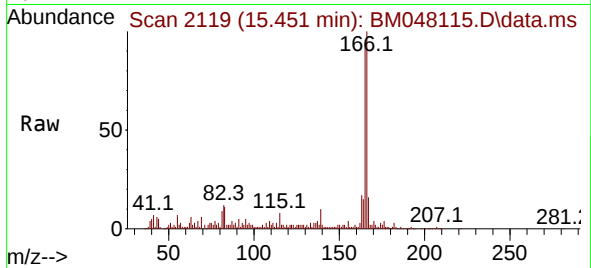
Tgt Ion:168 Resp: 115943
Ion Ratio Lower Upper
168 100
139 37.0 28.4 42.6





#61
Fluorene
Concen: 2.899 ng/ul
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03

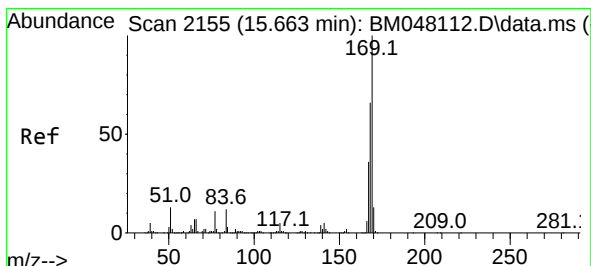
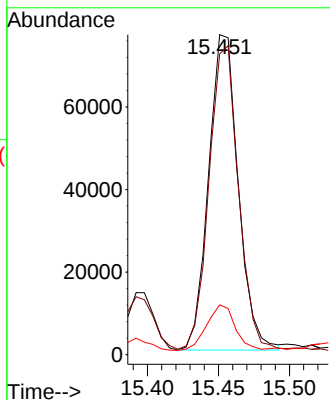
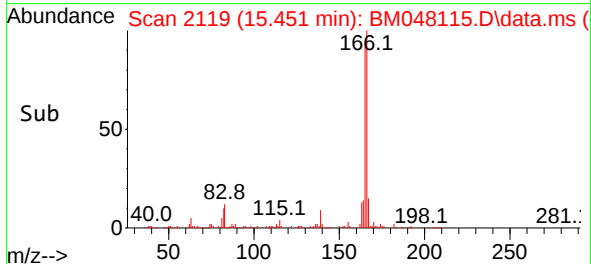
Instrument :
BNA_M
ClientSampleId :
E27H6



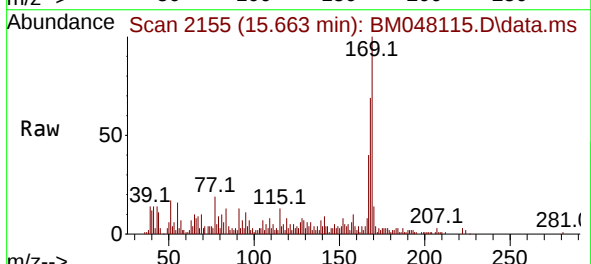
Tgt Ion:166 Resp: 111085
Ion Ratio Lower Upper
166 100
165 94.0 78.2 117.2
167 15.5 10.8 16.2

Manual Integrations
APPROVED

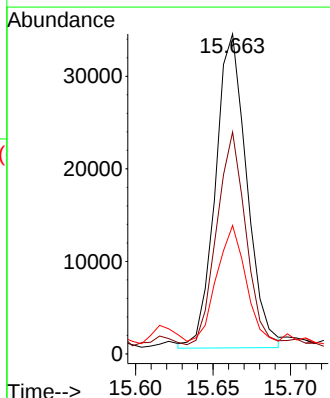
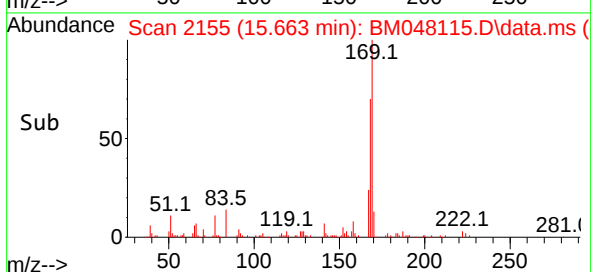
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/19/2024

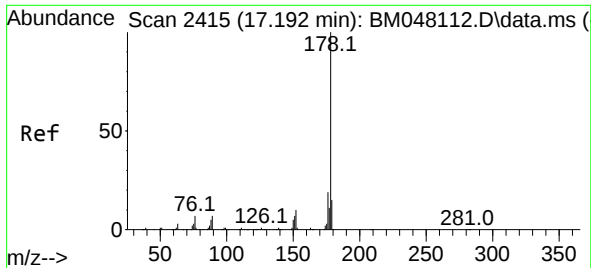


#67
N-Nitrosodiphenylamine
Concen: 1.474 ng/ul
RT: 15.663 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03



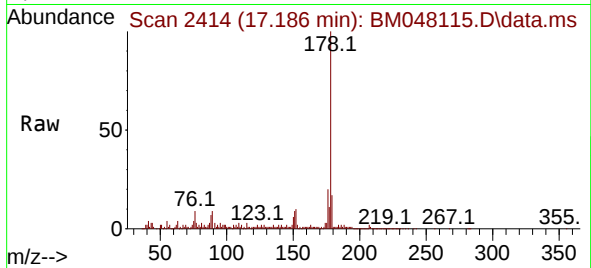
Tgt Ion:169 Resp: 47745
Ion Ratio Lower Upper
169 100
168 69.3 53.5 80.3
167 40.1 30.1 45.1





#72
Phenanthrene
Concen: 4.625 ng/u1
RT: 17.186 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03

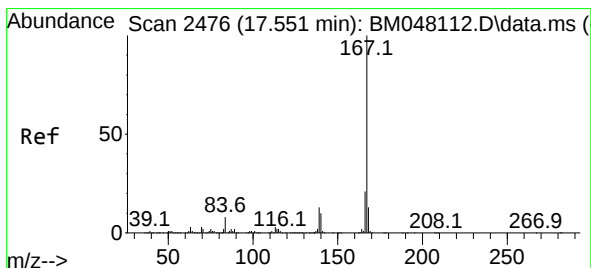
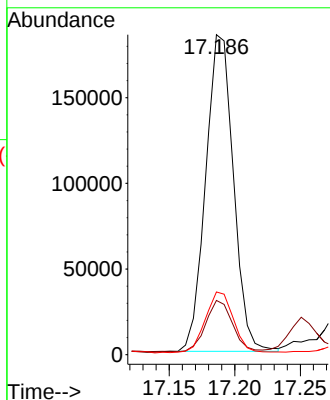
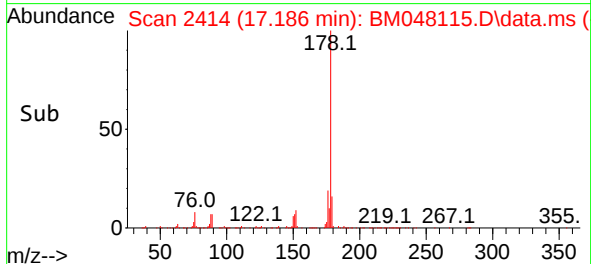
Instrument :
BNA_M
ClientSampleId :
E27H6



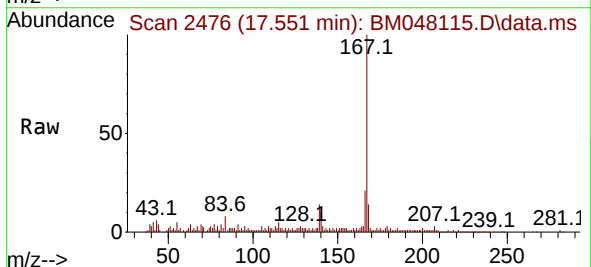
Tgt Ion:178 Resp: 272485
Ion Ratio Lower Upper
178 100
179 16.9 12.4 18.6
176 19.6 15.6 23.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/19/2024



#77
Carbazole
Concen: 3.766 ng/u1
RT: 17.551 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BM048115.D
Acq: 17 Oct 2024 21:03



Tgt Ion:167 Resp: 197243
Ion Ratio Lower Upper
167 100
166 20.9 16.9 25.3
139 13.9 9.9 14.9

